
ISDN BRI maintenance messages

The following is a list of several types of messages that are displayed on the administration terminal or printed on the system printer or teletype (TTY). These messages may indicate routine system activities, system faults, or input errors made during ISDN BRI configuration procedures.

ISDN Basic Rate Interface messages (BRIxxx)

The following messages are printed on demand by using SETM MISP <card#> MNT command in Link Diagnostic Program LD 48. By using RSET MISP <card#> MNT command in Link Diagnostic Program LD 48, you stop printing these messages.

BRI100

MISP sent line card update message. This message consists of two words, where each word indicates the status of the line card update message followed by the time when the message was printed. The possible status conditions are:

- 0H No error
- 1H Invalid DSL address
- 2H Forced disconnect has timed out
- 3H Invalid state change
- 4H MISP application failed to complete layer 1 connection
- 7H MISP application failed to queue the request

Example:

BRI100 004003 000000, where 4 indicates that the application failed to complete layer 1 connection due to 3 - invalid state change

BRI101

MISP sent line card B-channel update message. This message consists of four words, where each word indicates the B-channel status followed by the time when the status was printed. The possible status conditions are:

- 0H No error
- 1H Invalid DSL address
- 2H Forced disconnect has timed out
- 3H Invalid state change
- 4H MISP application failed to complete layer 1 connection
- 7H MISP application failed to queue the request

BRI102

MISP sent DSL update message. This message consists of one word that indicates the DSL status followed by the time when the status was printed. The possible status conditions are:

- 0H No error
- 1H Invalid DSL address
- 2H Forced disconnect has timed out
- 3H Invalid state change
- 4H MISP application failed to complete layer 1 connection
- 7H MISP application failed to queue the request

BRI103

MISP sent DSL B-channel update message. This message consists of two words, where each word indicates the B-channel status followed by the time when the status was printed. The possible status conditions are:

- 0H No error
- 1H Invalid DSL address
- 2H Forced disconnect has timed out
- 3H Invalid state change
- 4H MISP application failed to complete *physical* (layer 1) connection
- 7H MISP application failed to queue the request

BRI104

MISP sent DSL status message. The first number after the address displays the new DSL status message, the second number displays the reason for the change of status, and the third number displays the time when the status was printed. DSL states are:

- 0H Unequipped
- 1H Disabled
- 2H Maintenance busy
- 3H Reserved for future use
- 4H Enabled, but network (layer 2) is in release state
- 5H Enabled and network (layer 2) is established
- 6H Busy

Possible reasons for change of state are:

- 1H The first *network* (layer 2) link has been established
- 2H The last *network* (layer 2) link has been released
- 3H A DSL overload counters has been reached
- 4H Excessive *physical* (layer 1) errors on a DSL have been detected

BRI105

MISP sent DSL B-channel status message.

BRI107

MISP received line card audit message.

BRI108

MISP received DSL audit message.

BRI109

MISP received line card status audit message.

BRI110

MISP received line card B-channel status audit message.

BRI111

MISP received DSL status audit message.

BRI112

MISP received DSL B-channel status audit message.

BRI113

MISP sent TEI check message.

BRI114

MISP sent TEI restore message.

BRI115

MISP sent TEI remove message.

BRI200

Line card self test response. The response is indicated by the number following the line card address. Possible responses are:

0H	Passed selftest
1H	Line card microcontroller's internal RAM failure
2H	Line card microcontroller's external RAM failure
3H	Line card microcontroller's EPROM failure
4H	Network timeslot controller failure
5H	PAD EPROM failure
6H	Microwire controller failure
7H	Reserved for future use
8H	DSL 0 transceiver failure
9H	DSL 1 transceiver failure
AH	DSL 2 transceiver failure
BH	DSL 3 transceiver failure
CH	DSL 4 transceiver failure
DH	DSL 5 transceiver failure
EH	DSL 6 transceiver failure
FH	DSL 7 transceiver failure

BRI201

DSL reports layer 1 status. For SILCs in network terminator (NT) mode, the possible status conditions can be:

0H	S/T transceiver failure
1H	Physical (layer 1) is activated successfully
2H	Physical (layer 1) is de-activated successfully
3H	Physical (layer 1) is losing synchronization
4H	Physical (layer 1) is in the process of being established
5H	Physical (layer 1) failed to get established

For SILCs in terminal equipment (TE) mode, the possible status conditions can be:

- 0H S/T interface transceiver failure
- 1H Physical (layer 1) is activated successfully
- 2H Deactivation was requested from far end
- 3H Physical (layer 1) is losing synchronization
- 4H Physical (layer 1) is in the process of being activated
- 5H Physical (layer 1) failed to get established

For UILCs in terminal equipment (TE) mode, the possible status conditions can be:

- 0H U interface transceiver failure
- 1H Physical (layer 1) is activated successfully
- 2H Deactivation was requested from far end
- 3H Physical (layer 1) is losing synchronization
- 4H Physical (layer 1) is in the process of being activated
- 5H Physical (layer 1) failed to get established
- 6H Physical (layer 1) failed to be activated

BRI202

Line card responds to audit DSL state message. Five decimal numbers are displayed following the DSL address indicating the status of the DSL. These numbers specify the mode, B1 and B2 channel status, DSL sampling, framing, and activation:

Mode	B1,B2 Framing activation
Mode	0 Disabled
	1 NT1 mode, adaptive sampling
	2 NT1 mode, fixed sampling
	3 TE mode
B1, B2	0 B-channel disabled
	1 B-channel enabled
Framing	0 Multi-framing disabled
	1 Multi-framing enabled
Activation	0 Waiting to be activated
	1 Automatically activated

BRI203

Line card report for query message available.

BRI204

Line card responds to terminal equipment query message.

BRI300

MISP sent interface data download message.

BRI301

MISP sent timeslot download message.

BRI302

MISP sent packet data download message.

BRI303

MISP sent protocol data download message.

BRI304

MISP sent TSP data download message.

BRI305

MISP sent DSL traffic request message.

BRI306

MISP sent DSL layer 2 traffic request message.

BRI312

Downloading Layer 3 tables to MISP time-out. Default tables in MISP will be used.

BRI313

MISP did not respond to Layer 3 download messages. Default tables in MISP will be used.

BRI314

Downloading Layer 3 tables to the MISP failed. Default tables in the MISP will be used.

The following messages are printed automatically as they occur.

BRI800

The MISP being enabled or disabled is not present in network shelf.

BRI801

Dedicated connection between the MISP and the line card cannot be established.

BRI802

Task is aborted.

BRI803

Application is being enabled.

BRI804

Peripheral loadware is being downloaded.

BRI805

Error detected while downloading protocol to application; application is still being enabled.

BRI806

Protocol download message not acknowledged; application is still being enabled.

BRI807

Line card update message cannot be sent to the application.

BRI808

Line card cannot be put in maintenance busy mode because message cannot be sent to the MISP.

BRI809

Basecode application has been enabled or disabled.

BRI810

MISP is not present in the specified shelf. Make sure that you specified the correct shelf.

BRI811

Data corrupted.

BRI812

Resources not available to process the task; try again later.

BRI813

Another task waiting to be processed; wait at least 30 seconds and try again.

BRI814

Command is illegal. Make sure you enter the correct command.

BRI815

Not equipped. Specify correct card.

BRI816

Not configured as an MISP card.

BRI817

MISP basecode/application is already enabled.

BRI818

Specified application is not configured on the MISP.

BRI819

Peripheral loadware downloading to the MISP failed; check to see that loadware is present on the diskette and the diskette is inserted in disk drive.

BRI820

MISP self test failed. Check the MISP card. If the problem persists, replace the card.

BRI821

Application cannot be enabled or disabled because software is being downloaded.

BRI822

Task aborted. Firmware download cannot be completed because the application is enabled.

BRI823

Unable to send message to the MISP to enable or disable basecode application.

BRI824

MISP cannot perform the enable/disable tasks.

BRI825

Message cannot be sent to remove application from the MISP's EPROM.

BRI826

Socket IDs have not been assigned to this application. Task is aborted.

BRI827

Message to enable or disable has timed out; task aborted.

BRI828

MISP is disabled; task cannot be performed.

BRI829

This application is not resident in the MISP.

BRI830

Basecode application is in transient state; try the command again later.

BRI831

MISP has sent an undefined response.

BRI832

Protocols could not be downloaded to the MISP. Make sure that the MISP is enabled.

BRI833

HDLC data could not be downloaded to the MISP. The accompanying number indicates the error code returned from the message handler.

BRI834

Hardware fault has been detected on the MISP.

BRI835

MISP failed to process "Protocol Download Request" message.

BRI836

All applications must be disabled before disabling basecode.

BRI837

MISP basecode disabled without disabling the application(s); will attempt to release application's resources but an INIT might be required if problems persist.

BRI838

MISP could not be accessed.

BRI839

MISP failed to remove requested application.

BRI840

Enabling or disabling process took too long; process was aborted.

BRI841

Dedicated channel to the packet handler could not be established.

BRI842

Dedicated channel to the packet handler could not be disconnected.

BRI843

MISP basecode application failed; will try again in 0.5 second.

BRI844

Application software should be downloaded after enabling is completed by using Network and Peripheral Equipment Diagnostic Program LD 32. The download cannot be accomplished as long as LD 32 is active. Exit the program before starting the download.

BRI845

Enabling process was aborted and application firmware was not downloaded. Check to see that the firmware is present on the diskette and the diskette is inserted in the disk drive. Also the MISP may be busy updating the flash EPROM.

BRI846

Application cannot be automatically enabled. Five tries to download the application firmware failed. Enable it in the Network and Peripheral Equipment Diagnostic Program LD 32.

BRI847

Application loadware has been removed from the MISP.

BRI848

Application is not identified with a socket ID, no communication with the MISP.

BRI849

Task aborted. Meridian 1 cannot access the application information block on the MISP.

BRI850

DSL parameter cannot be downloaded because one or more pointers are nil. Try manually enabling the DSL to force the parameter to download. If this doesn't work, remove the DSL and then recreate it using ISDN BRI Service Change Program LD 27.

BRI851

DSL parameter cannot be downloaded because Meridian 1 could not send message to the MISP.

BRI852

DSL parameter cannot be downloaded because no call register is available.

BRI853

DSL parameter cannot be downloaded because the download request message was invalid.

BRI854

DSL parameter cannot be downloaded because the specified TSP is invalid.

BRI855

DSL parameter cannot be downloaded because the MISP did not acknowledge the download message.

BRI856

DSL parameter cannot be downloaded because download procedure timed out.

BRI857

DSL parameter cannot be downloaded because the MISP and/or application is disabled.

BRI858

Line card does not exist, thus a dedicated connection cannot be established or removed.

BRI858

Only an ISDN BRI card can have a dedicated connection.

BRI860

Software BUG.

BRI861

MISP is disabled, could not make a dedicated connection.

BRI862

No path available to setup a D-channel dedicated connection.

BRI863

Cannot send a message to the MISP to update the HDLC.

BRI864

Cannot send a message to the MISP to update the HDLC.

BRI865

Software BUG. ISDN PRI pointer is nil.

BRI866

PRI is disabled and a dedicated connection cannot be made.

BRI867

Dedicated connection cannot be established or removed because it is not in PRI MODE.

BRI868

B-channel is busy.

BRI869

A B-channel is not available to establish a dedicated connection.

BRI870

Call Register is not available to establish a B-channel or B_D-channel dedicated connection.

BRI871

A dedicated connection cannot be established because there is no available path between the Network and the ISDN PRI.

BRI872

Invalid number for the specified B-channel or B_D-channel type.

BRI873

Unable to establish or remove a dedicated B-channel or B_D-channel connection because the ISDN PRI is disabled.

BRI874

Unable to establish or remove a dedicated B-channel or B_D-channel connection because the ISDN PRI is disabled.

BRI875

Unable to establish or remove a dedicated B-channel or B_D-channel connection because the ISDN PRI is disabled.

BRI876

Specified B_D-channel is busy.

BRI877

B_D-channel dedicated connection cannot be established because there is no available path between the MISP and the ISDN PRI.

BRI878

Cannot send a message to the MISP to update the HDLC about the B_D-channel.

BRI879

Cannot send a message to the MISP to update the timeslot mapping for the dedicated B_D-channel connection.

BRI880

Cannot establish D-channel, B-channel, or B_D-channel dedicated connection because the MISP application is disabled.

BRI881

Cannot establish B_D-channel dedicated connection because the B-channel on the ISDN PRI is busy.

ISDN BRI trunking messages (BRITxxx)

BRIT100 DSL

The B-channel indicated in the outgoing SETUP is locked out because the far-end is using an alternate B-channel.

BRIT101 DSL c

The B-channel is locked out due to a RELCOMP or RELEASE; The message has been received with one of the following cause (c) values:

82 = channel does not exist

44 = requested channel is not available

6 = alternate channel acceptable

BRIT202

Protocol Error: Incorrect value for extension bit.

Output: DSL: x DATA: y z

x = DSL number

y = Message type

z = Information Element (IE)

BRIT203

Protocol Error: Mandatory Notification description invalid.

Output: DSL: x DATA: y z

x = DSL number

y = Message type

z = Information Element (IE)

BRIT206

Protocol Error: The length of the incoming call reference value was incorrect. The length allowed is 1.

There may be a compatibility problem with the far end.

Output: DSL: x DATA: y

x = DSL number

y = Call reference length

BRIT207

Protocol Error: Wrong message type.

Output: DSL: x DATA: y

x = DSL number

y = Message type

BRIT208

Protocol Error: Wrong Information Element (IE) for message type.

Output: DSL: x DATA: y

x = DSL number

y = Message type

BRIT209

Protocol Error: Undefined Information Element (IE) for message type.

Output: DSL: x DATA: y

x = DSL number

y = Message type

BRIT210

Protocol Error: Wrong coding standard.

Output: DSL: x DATA: y

x = DSL number

y = Coding standard

BRIT211

Protocol Error: Incorrect extension bit.

Output: DSL: x DATA: y

x = DSL number

y = Message type

BRIT212

Protocol Error: Bearer capability (BC) - Information transfer not supported.

Output: DSL: x DATA: y

x = DSL number

y = Transfer capability

BRIT213

Protocol Error: Bearer capability (BC) - Information transfer rate/mode not supported.

Output: DSL: x DATA: y

x = DSL number

y = Transfer rate

BRIT214

Protocol Error: Bearer capability (BC) - Layer 1 protocol ID not correct.

Output: DSL: x DATA: y

x = DSL number

y = Protocol ID

BRIT215

Protocol Error: Bearer capability (BC) - Rate is not correct.

Output: DSL: x DATA: y

x = DSL number

y = Message type

BRIT216

Protocol Error: Bearer capability (BC) - Rate is not correct.

Output: DSL: x DATA: y

x = DSL number

y = Rate

BRIT217

Protocol Error: General location not supported.

Output: DSL: x DATA: y

x = DSL number

y = General location number

BRIT218

Protocol Error: Cause value not supported.

Output: DSL: x DATA: y

x = DSL number

y = Cause information element (IE)

BRIT219

Protocol Error: Channel ID octet 3 error.

Output: DSL: x DATA: y

x = DSL number

y = Octet 3

BRIT222

Protocol Error: Channel number does not exist.

Output: DSL: x DATA: y

x = DSL number

y = B-channel number

BRIT223

Protocol Error: CREF flag in SETUP message is incorrect.

Output: DSL: x DATA: y

x = DSL number

y = Call reference number

BRIT224

Protocol Error: State message error, protocol violation.
The state IE is not appropriate for the current state.

Output: DSL: x DATA: a b c d e

x = DSL number

a = Pointer to BRIT message call register

b = UTN

c = State PM

d = Message type

e = Call reference number

BRIT225

Protocol Error: State message error, protocol violation. Release complete received in U11 or U31 state.

Output: DSL: x DATA: y

x = DSL number

y = Message type

BRIT227

Protocol Error: Message received in NULL state.

Output: DSL: x DATA: y

x = DSL number

y = Message type

BRIT228

Protocol Error: Mandatory Channel ID missing in ALERTing.

Output: DSL: x DATA: y

x = DSL number

y = NONE

BRIT229

Protocol Error: Mandatory Channel ID missing in incoming CONNECT message.

Output: DSL: x DATA: y

x = DSL number

y = NONE

BRIT232

Protocol Error: PROGRESS INDICATOR not supported.

Output: DSL: x DATA: y

x = DSL number

y = Message type

BRIT233

Protocol Error: ZERO length for mandatory Information Element (IE).

Output: DSL: x DATA: y

x = DSL number

y = Information Element (IE) identifier

BRIT234

Protocol Error: ZERO length for optional Information Element (IE).

Output: DSL: x DATA: y

x = DSL number

y = Information Element (IE) identifier

BRIT235

Protocol Error: Bearer capability (BC) - Layer ID is not correct.

Output: DSL: x DATA: y

x = DSL number

y = Layer ID

BRIT236

Protocol Error: Incorrect Transit Network Selection (TNS) Network ID

Output: DSL: x DATA: y

x = DSL number

y = Message type

BRIT237

Protocol Error: Message length exceeds buffer size.

Output: DSL: x DATA: y

x = DSL number

y = Message type

BRIT238

Protocol Error: Protocol discriminator is not compatible with the message received.

Output: DSL: x DATA: y

x = DSL number

y = Protocol discriminator

BRIT239

Protocol Error: Maintenance message is not allowed for this DSL interface.

Output: DSL: x DATA: y

x = DSL number

y = Message type

BRIT241

Protocol Error: No response from far end to this BRIT call.

Output: DSL: x DATA: y

x = DSL number

y = B-channel number

BRIT242

Protocol Error: Received a BRIT message with an unsupported service identifier.

Output: DSL: x DATA: y

x = DSL number

y = Service identifier

BRIT243

Protocol Error: Service discriminator is not supported by BRIT.

Output: DSL: x DATA: y

x = DSL number

y = Service discriminator

BRIT244

Protocol/Database Error: Facility reject message received.

Output: DSL: x DATA: a b c d e

x = DSL number

a = Originating PNI

b = Originating number

c = Destination PNI

d = Destination number

e = Reason

BRIT245

Database Error: Missing PNI number in the customer data block.

Output: DSL: x DATA: y z

x = DSL number

y = Customer number

z = Service ID

BRIT246

Protocol Error: Received bad facility information element (IE).

Output: DSL: x DATA: y

x = DSL number

y = Error indication

BRIT247

Database Error: PNI missing in Route Data Block.

Output: DSL: x DATA: y

x = DSL number

y = Service identifier

BRIT248

Protocol Error: ROSE component sent is being rejected.

Output: DSL: x DATA: y

x = DSL number

y = Service identifier

BRIT249

Protocol Error: ISDN: Received a Status message with CAUSE = 30. This is normally received in response to a Status Inquiry but the Meridian 1 did not send out a Status Inquiry message. The Status message is ignored.

Output: DSL: x DATA: y

x = DSL number

y = DSL interface ID

BRIT250

Protocol Error: Received information element (IE) is in the wrong codeset.

Output: DSL: x DATA: y

x = DSL number

y = Information element (IE) identifier

BRIT251

Protocol Error: The Presentation Method of Protocol Profile (PMPP) is wrong in the High Layer Compatibility IE.

Output: DSL: x DATA: y

x = DSL number

y = High Layer Compatibility PMPP

BRIT252

Protocol Error: The Interpretation of High Layer Characteristics ID is wrong in the High Layer Compatibility IE.

Output: DSL: x DATA: y

x = DSL number

y = High Layer Compatibility INTERPRT

BRIT253

Protocol Error: The High Layer Characteristic ID is wrong in the High Layer Compatibility IE.

Output: DSL: x DATA: y

x = DSL number

y = High Layer Compatibility CHAR ID

BRIT254

Database Error: The DSL is interfacing with a software issue not supported by the application.

Output: DSL: x DATA: y z

x = DSL number

y = Release ID

z = Service identifier

BRIT255

Protocol Error: Information request type is not supported. A message error or a protocol error will be generated depending on whether the IE is mandatory or not.

Output: DSL: x DATA: y z

x = DSL number

y = Message type

z = Information element (IE) identifier

BRIT256

Protocol Error: Wrong length for information request IE. The length on the received IE is beyond the range. A message error or a protocol error will be generated depending on whether the IE is mandatory or not.

Output: DSL: x DATA: y z

x = DSL number

y = Message type

z = Information element (IE) identifier

BRIT257

Protocol Error: Information request specific is not supported. A message error or a protocol error will be generated depending on whether the IE is mandatory or not.

Output: DSL: x DATA: y z

x = DSL number

y = Message type

z = Information element (IE) identifier

BRIT261

Database Error: The DSL interface for routing Network Message Service (NMS) facility messages is not an Meridian 1 interface.

Output: DSL: x DATA: a b c d

x = DSL number

a = Operation code for TCAP protocol

b = Originating digits

c = Terminating digits

d = Customer number

BRIT262

Protocol Error: Invalid value for the interface identifier field of channel ID information element from an incoming message.

Output: DSL: x DATA: y

x = DSL number

y = Message type

BRIT265

Database Error: A Facility Reject message was received. Destination digits cannot be translated.

Output: DSL: x DATA: a b c d e

x = DSL number

a = TCAP package type

b = Problem (NOXLAN/NONMS)

c = Originating digits

d = Destination digits

e = Customer number

BRIT266

Protocol Error: TCAP Package type is not recognized by Network Message Center (NMC) feature.

Output: DSL: x DATA: a b c d e f

x = DSL number

a = TCAP package type

b = TCAP component type

c = Problem

d = Originating digits

e = Destination digits

f = Customer number

BRIT267

Protocol Error: TCAP Package type is not recognized by Network Message Center (NMC) feature.

Output: DSL: x DATA: a b c d

x = DSL number

a = TCAP package type

b = Originating digits

c = Destination digits

d = Customer number

BRIT268

Protocol Error: TCAP Component is not recognized by Network Message Center (NMC) feature.

Output: DSL: x DATA: a b c d e

x = DSL number

a = TCAP package type

b = TCAP component type

c = Originating digits

d = Destination digits

e = Customer number

BRIT269

Protocol Error: TCAP Operation is not recognized by Network Message Center (NMC) feature.

Output: DSL: x DATA: a b c d e f

x = DSL number

a = TCAP package type

b = TCAP component type

c = Operation

d = Originating digits

e = Destination digits

f = Customer number

BRIT270

Protocol Error: TCAP parameter is not recognized by Network Message Center (NMC) feature.

Output: DSL: x DATA: a b c d e f g

x = DSL number

a = TCAP package type

b = TCAP component type

c = Operation

d = Parameter

e = Originating digits

f = Destination digits

g = Customer number

BRIT271

Database Error: LDN0 must be defined for the customer for ISDN DID calls in order to determine the number of digits expected for successful call termination.

Output: DSL: x DATA: y

x = DSL number

y = Customer number

BRIT272

Message is ping-pong between 2 nodes.

Background signaling diagnostic messages (BSDxxx)

BSD800

Command is being executed.

BSD801

Call register not available. Wait and try the command again. If the problem persists, increase the number of call registers using Configuration Record Program LD 17.

BSD802

Specified card slot not equipped.

BSD803

Specified card not equipped.

BSD804

Time slot is busy.

BSD805

Time slots are not available.

BSD806

Loopback channel is not available.

BSD807

Time-out is waiting for network response.

BSD808

DSL is busy.

BSD809

DSL is in maintenance busy mode.

BSD810

Specified Controller card does not belong to the specified Network card. Make sure you entered correct shelf number.

BSD811

Terminals not installed at specified DSL.

BSD812

Digital terminal not available at specified terminal number.

BSD815

Wait for the prompt.

BSD816

Tags not available. Stop a test by executing XSTP command and try again.

BSD817

Generate message could not be sent. The system is temporarily out of message registers. Wait and try again.

BSD818

Detect message could not be sent. The system is temporarily out of message registers. Wait and try again.

BSD819

XMI message could not be sent. The system is temporarily out of message registers. Wait and try again.

BSD820

Last one-shot test still running. Wait until the test is completed or stop the test by executing XSTP 0 command and try again.

BSD821

Tag number has not been assigned to a test.

BSD822

Database error. The pointer is nil.

BSD823

One-shot status not printed. Use XSTA command to get the test status.

BSD824

Card slot is disabled.

BSD825

Card is disabled.

BSD826

DSL is disabled.

BSD827

Message could not be sent to the MISP application. Check the MISP and the application status.

BSD828

Message could not be sent to the MISP because the MISP express output buffer is not available.

BSD829

Loopback cannot be performed on a non-ISDN BRI line card.

BSD830

Loopback can only be performed between an MISP and one of the ISDN BRI line cards assigned to it.

BSD831

MISP does not respond; use XSTP command to terminate test.

BSD832

Tags suspended; use XSTP command to terminate test and check the cases where the Network card did not acknowledge reception of the test message.

BSD833

Message cannot be sent to the MISP. Check the MISP status.

BSD834

Line cards not defined at the specified DSL.

BSD835

All DSLs must be in disabled state.

BSD836

Card slot is not an MISP.

BSD837

Test case number does not match test case data.

BSD838

Command not applicable to Network/DTR card.

BSD899

Input invalid. Please re-enter the input value.

Software error monitor messages (BUGxxxx)

BUG5438

DSLs already configured have reached the limit.

BUG5439

Logical terminal IDs already specified have reached the limit.

BUG5441

D-channel dedicated connections could not be established.

BUG5442

Messages could not be sent to the line card.

BUG5443

Source invalid to ISDN BRI call processing module.

BUG5444

ISDN BRI call processing message time-out is in the wrong state.

BUG5445

B-channel specified by the MISP is used by another call and cannot be released.

BUG5446

Information element is missing in incoming ISDN BRI call processing message.

BUG5447

Information element is invalid in the incoming ISDN BRI call processing message.

BUG5448

ISDN BRI call processing packet message length is invalid.

BUG5449

ISDN BRI message handler failed to send a message.

BUG5450

Main progress marker (Mainpm) is invalid after digit translation; call is cleared.

BUG5451

Address translation cannot be performed on the specified DSL.

BUG5452

New call reference cannot be obtained.

BUG5453

ISDN BRI call cannot be connected because of incompatibility of the B-channel with the incoming call type.

BUG5454

Message CR cannot be found for incoming PRI call destined for an ISDN BRI terminal.

BUG5455

ISDN BRI call cannot be held; protected card pointer is nil.

BUG5456

ISDN BRI call cannot be retrieved; protected card pointer is nil.

BUG5457

Problem encountered when releasing the call.

BUG5458

Source invalid for BRI_INTERACT procedure.

BUG5459

Source invalid for BRI_MAINT module.

BUG5460

Source undefined for BRI_MAINT module for the MISP.

BUG5461

Source undefined for BRI_MAINT module for the line card.

BUG5462

Card type expected is ISDN BRI line card.

BUG5463

Protected card pointer is nil.

BUG5464

Non-key function data pointer is nil for DSL data.

BUG5465

Address translation failed for the DSL.

BUG5466

MISP protected pointer is nil.

BUG5467

MISP unprotected pointer is nil.

BUG5468

MSDL/MISP pointers cannot be set up.

BUG5469

Timeslot assignment controller data failed to be downloaded.

BUG5470

HDLC data failed to be downloaded.

BUG6034

A problem occurred during processing of a gateway call between UIPE and one of DPNSS1, MFC, MFE or DID signaling, or between BRIL and DPNSS1.

BUG6036

Parameter NUM_DIGS is larger than 10 in procedure
TEN_N_BLS_HEX_CNV

BUG6037

Number larger than 3,999,999,999 has been passed to procedure
TEN_N_BLS_HEX_CNV

BUG6038

A non Binary Coded Decimal has been passed to procedure
TEN_N_BLS_HEX_CNV

BUG6039

MSGCR of outgoing trunk is nil in procedure AOC_REQUEST

BUG6040

Too many supplementary services are being requested at the same time using the keypad IE (for AEX-10 Australia)

BUG6041

A supplementary service request is to be built, but the IE length = 0.

Equipment data dump messages (EDDxxx)

EDD114

DSL data cannot be found.

EDD115

USID map cannot be found.

EDD116

Protected MISP data block cannot be found.

Error monitor messages (ERRxxxx)

ERR5157

ISDN BRI call is in wrong state; call attempt is aborted.

ERR5158

ISDN BRI call reference invalid.

ERR5159

ISDN BRI B-channel status out of sync between Meridian 1 and the MISP; call attempt is aborted.

ERR5160

ISDN BRI calls exceeded the limit for the DSL.

ERR5161

ISDN BRI call cannot be connected because of incompatibility of the call type with the B-channel.

ERR5162

ISDN BRI call cannot be connected because a call register cannot be allocated.

ERR5163

ISDN BRI call processing message has timed out.

ERR5164

ISDN BRI B-channel is in maintenance busy state.

ERR5165

Message received from invalid card slot.

ERR5166

Message received from wrong ISDN BRI line card.

ERR5167

Message received from ISDN BRI line card is invalid.

ERR5168

Output buffer not available to send scan and signal distributor (SSD) message.

ERR5169

ISDN BRI line card reports message problem.

Network link messages (LNKxxx)

LNK101

Incorrect card type. The card type must be a TERM, DTI, DLI, or MISP.

LNK133

Wrong password entered for the MISP command.

Network and peripheral replacement messages (NPRxxx)

NPR509

DSL configuration download failed.

NPR510

DSL is already enabled.

NPR511

Shelf contains at least one ISDN BRI card, wait about 45 seconds to enable the loop.

NPR512

The command is being executed.

NPR514

Unit cannot be enabled.

NPR515

ISDN BRI line card did not send activation acknowledgment for DSL.

NPR516

ISDN BRI line card self test can not be invoked.

NPR517

Line card self test failed; line card not enabled.

NPR519

Line card does not respond.

NPR522

MISP does not respond; command is aborted.

NPR533

“Line Card State Change” message not received from the MISP.

NPR534

“DSL State Change” message not received from the MISP.

NPR551

Message cannot be sent to the MISP because of invalid message or conditions.

NPR555

Express output queue is full.

NPR556

MISP output buffer is not available.

NPR561

Input valid only for the MISP card

NPR562

Message cannot be sent to the line card.

NPR570

Application information blocks cannot be read from the MISP.

NPR605

Application is not configured on this MISP.

NPR606

Trunk DSL needs to be in RELEASED state.

NPR607

Trunk DSL needs to be in ESTABLISHED state.

NPR608

Trunk DSL needs to be in TEST mode.

NPR609

Trunk DSL needs to be in REMOTE LOOPBACK mode.

NPR610

Trunk DSL needs to be ENABLED (not used).

NPR611

Trunk DSL needs to have TKTP = TIE and IFC = SL1.

NPR612

Trunk Application is DISABLED.

Network and signal diagnostic messages (NWSxxx)

NWS620

Express output queue full, CPU can not send the message to the MISP.

NWS621

MISP output buffer not available.

NWS622

Message cannot be sent to the MISP because of invalid message or conditions.

NWS623

Message cannot be sent to a line card.

NWS624

Shelf contains at least one ISDN BRI card, wait about 45 seconds to enable the loop.

NWS625

Database error. Database protected pointer is nil.

NWS626

Self test command only applies to the MISP network cards and ISDN BRI line cards. Make sure you specify correct card.

NWS627

Self test can only be invoked if card is disabled.

NWS628

Self test can only be invoked if line card is disabled.

NWS630

Card slot is unequipped.

NWS631

Card slot does not respond.

NWS632

Self test failed.

NWS633

MISP status is undefined.

NWS635

Line card does not respond.

NWS636

MISP self test cannot be activated.

NWS637

Self test passed.

NWS638

Unit is not equipped.

NWS639

TEI test could not be performed.

NWS640

MISP does not respond.

NWS641

Command cannot be performed on the MISP; use Network and IPE Diagnostic Program LD 32 to check the MISP.

MPH messages (MPHxxx)

MPH000

No error.

MPH001

Invalid parameter.

MPH002

Invalid TEI value.

MPH003

Invalid loop.

MPH004

Invalid protected loop pointer.

MPH005

Invalid unprotected loop pointer.

MPH006

Invalid unprotected interface pointer.

MPH007

No MPH application.

MPH008

Invalid interface type.

MPH009

Invalid interface index.

MPH010

Invalid interface timeslot.

MPH011

Invalid message ID.

MPH012

The MPH MISP loop is disabled.

MPH013

The MPH application is disabled.

MPH014

An MPH maintenance task is in progress.

MPH015

No MPH interface maintenance task call register.

MPH016

Invalid interface maintenance main step pm.

MPH017

Maintenance task timed out.

MPH021

No buffer available.

MPH022

Unable to send message.

MPH023

Not in manual disabled state.

MPH024

Invalid interface maintenance secondary step pm.

MPH025

Interface in manual disabled state.

MPH030

Interface TN is undefined.

MPH031

Invalid interface state change.

MPH032

Interface nailup connection failed.

MPH033

Maintenance message time-out.

MPH034

Interface in disabled state.

MPH035

Invalid interface request.

MPH036

Unable to send message.

MPH037

Enable/disable interface failed.

MPH038

MPH associated with this BRIL expected.

MPH041

Download interface failed.

MPH042

Download interface time-out.

MPH043

Unable to download.

MPH045

Download TSP failed.

MPH046

Download TSP time-out.

MPH047

Download DNAT failed.

MPH048

Download DNAT time-out.

MPH049

Download DCH TSP time-out.

MPH050

Download DCH TSP failed.

MPH061

DCH interface enable time-out.

MPH062

DCH interface enable failed.

MPH063

DCH interface disable time-out.

MPH064

DCH interface disable failed.

MPH065

IPC channel disable/enable failed.

MPH200

Unsolicited response for DCH/BCH terminal state update.

MPH201

Indication message received for maintenance pending message.

MPH202

Confirm message received for maintenance pending message.

MPH203

Indication message received for clear-maintenance-pending message.

MPH204

Confirm message received for clear-maintenance-pending message.

MPH205

Response for status update message for undefined interface.

MPH206

Response for status request message for undefined interface.

MPH207

Indication for status request message.

MPH208

Confirm for status request message.

MPH209

Response for error log upload request.

MPH210

Unsolicited response for NWIF/SAPI16 interface state change.

MPH215

Indication for audit request message.

MPH300

Indication received for MPH application download.

MPH301

Indication received for L2 protocol download.

MPH302

Indication received for L3 protocol download.

MPH303

Indication received for interface data download.

MPH304

Indication received for MPH TSP data download.

MPH305

Indication received for PVC data download.

MPH306

Indication received for DNA data download.

MPH307

Indication received for TFC data download.

MPH308

Indication received for DSL LAPD data download.

Service change messages (SCHxxxx)

SCH0000

Illegal input character.

SCH4127

Signaling/pad category table cannot be removed because there are references to this table.

SCH5366

Protocol group already exists.

SCH5367

Protocol group does not exist.

SCH5368 x

Protocol group x cannot be removed. Remove the DSL associated with this protocol and try again.

SCH5369

MISP has already been enabled.

SCH5370

MISP has not been configured.

SCH5371

Not a PRI. Enter a PRI number.

SCH5372

I/O polling table is full.

SCH5373

MSDL/MISP index cannot be obtained because the table is full.

SCH5374

Warning: B-channel is not configured for packet data transmission.

SCH5375

Specified PRI channel is busy. Enter an idle PRI channel number.

SCH5376

Number of DSLs exceeded the defined system limit.

SCH5377

Not a MISP. Enter a MISP card slot number.

SCH5379

MISP supports only four ISDN BRI line cards.

SCH5380

DSL# 7 of this ISDN BRI line card cannot be configured. D-channel is configured for packet handler

SCH5381

Non superloop is not allowed. Enter a superloop number.

SCH5382

Disable the card by removing all the DSLs on the card.

SCH5383

ISDN BRI line card already configured.

SCH5384

ISDN BRI line card has not been configured.

SCH5385

Non ISDN BRI line cards are not allowed.

SCH5386

Non DSL terminal number (TN) is not allowed.

SCH5387

Disable the ISDN BRI line card to configure its DSL.

SCH5388

Remove all DSLs on the line card to change the card type.

SCH5389

DSL number is out of range. Enter a number from 0 to 7.

SCH5390

DSL data block has not been created. Configure the DSL.

SCH5391

DSL data block has already been created.

SCH5392

B-channel packet data option not enabled. B-channel packet data option must be configured in MISP.

SCH5393

Warning: Make sure the call type matches the changed DN and TSP.

SCH5394

Specify at least one type of call, which can be VCE, DTA, or PMD.

SCH5395

System contains additional LTEIs.

SCH5396

Remove all TSPs from the DSL before removing the DSL.

SCH5397

Enter three values LTG and LTN for Logical Terminal Id and one for TEI.

SCH5398

LTIDs exceed the specified system limit.

SCH5399

LTEIs exceed maximum limit allowed for this DSL.

SCH5400

LTEI has not been configured.

SCH5401

Warning: Make sure MCAL value does not exceed the maximum number of calls for a DSL specified in TSP.

SCH5402

System contains additional configured TSPs.

SCH5403

ISDN BRI DN is not allowed.

SCH5404

MISP not allowed.

SCH5405

A non-ISDN BRI terminal cannot be configured for the specified ISDN BRI line card.

SCH5406

This DSL cannot be configured because a D-channel is used for packet handler.

SCH5407

LTID TEI pair database block has not been configured.

SCH5408

Enter TEI you wish to delete.

SCH5409

Enter the call type you wish to delete.

SCH5410

Address translation failed.

SCH5411

DSL database block has not been configured.

SCH5412

USID map is not defined.

SCH5413

TSPs have reached the allowable limit.

SCH5414

TSP is already configured.

SCH5415

TSP does not exist. Assign a configured TSP.

SCH5416

USID has not been removed.

SCH5417

TSP does not exist.

SCH5418

Define at least one SPID.

SCH5419

SPID has not been configured.

SCH5420

Input has exceeded the maximum allowed SPIDs per TSP. Specify a maximum or eight SPIDs for each TSP.

SCH5421

DN input must be specified.

SCH5422

DNs exceed the allowed limit.

SCH5423

DN database block does not exist.

SCH5424

DN does not exist for the specified TSP.

SCH5425

DN has already been deleted.

SCH5426

Invalid input. Check the input value and try again.

SCH5427

Call type is not defined in the DSL.

SCH5428

Default DN must be entered.

SCH5329

Warning: Default DN has not been defined.

SCH5430

Insufficient memory.

SCH5431

DN tree is corrupted.

SCH5432

DN is not an ISDN BRI DN. Specify an ISDN BRI DN.

SCH5433

DN is already defined for a different DSL.

SCH5434

USID does not exist. Specify an available USID.

SCH5435

SPID has been defined in the TSP.

SCH5436

SPID value is too long. Enter correct SPID value not to exceed nine characters.

SCH5437

TSP has not been defined for the specified SPID.

SCH5438

Card is not configured in the MISP data block.

SCH5439

ISDN BRI package is not installed in the specified card slot.

SCH5440

Card slot has already been assigned. Specify an card slot.

SCH5441

MISP cannot be removed because an ISDN BRI line card is still associated with this MISP.

SCH5442

ISDN BRI line card cannot be moved or swapped. Make sure all the DSLs have been removed from the card first.

SCH5443

ISDN BRI DN cannot be a customer night DN.

SCH5444

Card slot is used by MISP.

SCH5445

ISDN BRI DN cannot be a hotline DN.

SCH5446

ISDN BRI DN cannot be a night DN.

SCH5447

ISDN BRI DN cannot be a customer night DN.

SCH5448 I

Disconnect dedicated D-channel connection command for the specified MISP 1 has failed. Check MISP status.

SCH5449 I

Send DSL or line card status command for the specified MISP 1 has failed. Check MISP status.

SCH5450 I

Parameter download procedure for the specified MISP 1 has failed. Check MISP status.

SCH5451 I

B-channel dedicated connection to PRI has failed.

SCH5452 I

Disconnect B-channel dedicated connection to PRI command has failed.

SCH5453 I

Send maintenance pending message to MISP 1 has failed.

SCH5454

Invalid LTID, LTG=15 and LTN=1023 is not allowed simultaneously

SCH5455

DSL has already been configured.

SCH5456

DSL does not exist.

SCH5848

The specified application is not configured on this MISP. Configure the application to the MISP.

SCH5849

ISDN BRI trunk types can only be TIE, COT and DID.

SCH5850

Cannot change these parameters without disabling all associated trunk members.

SCH5851

Interface type must be SL1, 1TR6 or NUMR.

SCH5852

Cannot remove BRIL application without disabling the application.
Disable the application using LD 32.

SCH5853

Cannot remove BRIL application without first removing all associated DSLs.

SCH5854

The specified route is not an ISDN BRI route.

SCH5855

ISDN BRI trunk package is not equipped on this system.

SCH5856

The new MISP for this card does not have BRIL configured but there is a BRIL DSL on this card. Enter a MISP with a BRIL application.

SCH5857

ISDN BRI route is not allowed if an ISDN BRI Route Packet Handler exists. Use a different route or take out the ISDN BRI Route Packet Handler option on this route before proceeding.

SCH5858

PRI is not supported if the DTI package and the PRI package are not equipped.

SCH5859

A DSL trunk in NT mode must be associated with a route on NET side. Check the Network and User configuration for ISDN BRI route and Network and Terminal configuration on the DSL route.

SCH5860

Protocol group cannot be removed if there are one or more ISDN BRI routes using this protocol set group. Remove the routes associated with this protocol before proceeding.

SCH5861

Cannot remove the BRIT application without first disabling it. Use LD 32 and disable the application.

SCH5862

Cannot remove the BRIT application without first removing all associated DSLs.

SCH5863

The new MISP for this card does not have BRIT configured but there is a BRIT DSL on this card. Enter a MISP with a BRIT application.

SCH5864

BRIL package is not equipped on this system.

SCH5965

The ISDN option must be configured in the Customer Data Block before an ISDN BRI route can be configured. Use LD 15 and enable the ISDN option for this customer.

SCH5866

Either the BRIL or BRIT package is not equipped on this system.

SCH5867

The line card is not an SILC. An SILC line card must be entered if the clock source is to be drawn from an ISDN BRI line.

SCH5899

The appropriate DSL on this card (DSL#0 for PREF or DSL#1 for SREF) must be a trunk DSL. Enter an SILC card with an ISDN BRI Trunk clock source configured on the appropriate DSL, or use LD 27 to configure an ISDN BRI trunk clock source on the appropriate DSL.

SCH5900

The appropriate DSL on this card (DSL#0 for PREF or DSL#1 for SREF) is not provisioned for a clock source. Use LD 27 to change the CLOK parameter on the appropriate DSL to YES. The DSL must first be in TE mode.

SCH5901

Either no card exists in this slot or the slot must be a DTI, JDMI or PRI slot.

SCH5902

Either the card in this slot is not an SILC card or the slot must be a DTI JDM or PRI slot.

SCH5903

Either the appropriate DSL in this slot (DSL#0 for PREF or DSL#1 for SREF) is not a trunk DSL, or the slot must be a DTI, JDMI or PRI slot.

SCH5904

Either the appropriate DSL in this slot (DSL#0 for PREF or DSL#1 for SREF) is not provisioned for a clock source, or the slot must be a DTI, JDMI or PRI slot.

SCH5905

The appropriate DSL in this slot (DSL#0 for PREF or DSL#1 for SREF) is not configured. Use LD 27 to configure the appropriate trunk clock source.

SCH5906

Either the appropriate DSL in this slot (DSL#0 for PREF or DSL#1 for SREF) is not configured, or the slot must be a DTI, JDMI or PRI slot.

SCH5907

The clock on this DSL is referenced in the Digital Data Block. This reference must be removed using LD 73 before the mode can be changed to NT.

SCH5908

The clock on this DSL is referenced in the Digital Data Block. Reference must be removed using LD 73 before CLOK can be changed to NO on this DSL.

SCH5919

The clock on this DSL is referenced in the Digital Data Block. Reference must be removed using LD 73 before DSL can be removed.

SCH5926

The clock on this DSL is referenced by the DTI/PRI system data. This reference must be removed using LD 73 before the mode can be changed to NT.

SCH5927

The clock on this DSL is referenced by the DTI/PRI system data. This reference must be removed using LD 73 before CLOK can be changed to NO on this DSL.

SCH5928

The clock on this DSL is referenced by the DTI/PRI system data. This reference must be removed using LD 73 before this DSL can be removed.

SCH5929

DTI package is restricted. If the BRIT package is equipped, enter TYPE =DTI2 or TYPE = PRI2.

SCH5930

The slot number is not a valid DTI/PRI/MISP slot. Configure the DTI/PRI slot using LD 17 or configure the MISP using LD 27.

SCH5931

The slot number is not a valid DTI/PRI/MISP slot. Configure the DTI/PRI slot using LD 17 or configure the MISP using LD 27.

SCH5932

This MISP is referenced as a clock controller in the Digital Data Block. This reference must be removed using LD 73 before the MISP can be removed.

SCH5933

This MISP is referenced as a clock controller in the DTI/PRI system data. This reference must be removed using LD 73 before the MISP can be outed.

SCH5938

The requested change cannot be processed because the route would be changed to USR side, but there are NT mode DSL members on this route; NT mode DSL must be on NET side.

SCH5939

This is not an SILC card. This slot is valid input only for SILC clock references.

SCH6089

Either the MSDL package or the BRIL/BRIT package must be equipped.

SCH6178

Feature is not defined in database.

SCH6179

Feature input is invalid.

SCH6180

No Feature Activation or Feature Indication ID is input.

SCH6181

Feature ID is out of range.

SCH6182

Feature Indication ID which has been input conflicts with Feature Indication ID of another feature.

SCH6183

Feature Activation ID which has been input conflicts with Feature Activation ID of another feature.

SCH6184

Warning: the feature is already defined in the database. The Feature Activation/Indication IDs which has been input will overwrite the existing Feature Activation/Indication ID for the feature.

SCH6185

Wrong number of input fields.

SCH6186

Invalid protocol ID.

SCH6187

There are Feature IDs defined in the TSP(s) of this DSL.

SCH6399

MTRO keyword table is corrupted.

SCH6409

A protocol engine active (inactive) interface type is allowed to be changed to another protocol engine active (inactive) interface type only if there is no DSL associated with the route.

SCH6410

The route entered for the BRIE application must have the protocol engine active; the route entered for the BRIT application should not have the protocol engine active.

SCH6411

The MPH application cannot be configured with any other application on the MISP.

SCH6412

The new MISP for this card does not have BRIE configured, but there is a BRIE DSL on this card.

SCH6413

Cannot have an IPE shelf with both BRSC and trunk DSLs.

SCH6426

The call forward external allow/deny is only allowed for ETSI and NI-1 protocols.

SCH6427

Invalid supplementary feature.

SCH6428

Cannot subscribe Call Forward for this call type because DN does not subscribe this call type.

SCH6429

Cannot delete this Call Forward service because it is active.

SCH6435

Supplementary service is not defined in the database.

SCH6436

Invalid supplementary service.

SCH6437

There are supplementary services defined in the TSP(s) of this DSL.

System loader messages (SYSxxxx)

SYS4413

DSL can not be loaded. The number of DSLs exceeds the limit.

SYS4414

Protected storage cannot be allocated.

SYS4415

DSL data cannot be found.

SYS4416

ISDN BRI card cannot be inserted in the slot.

SYS4417

MISP cannot be associated with line card because protected data block for the card does not exist.

SYS4418

MISP cannot be associated with line card because protected card data block for the card does not exist.

SYS4419

USID map cannot be found.

SYS4420

Multiple DSLs associated with the specified ISDN BRI directory number.

SYS4421

Logical terminal IDs exceeds limit on the specified DSL.

SYS4206

Data can only be loaded when PRI2, DTI2, BRIT, or BRIL package is selected.

SYS4590

BRIT package restricted.

SYS4592

BRIL package restricted.

SYS4593

Either the BRIL or BRIT package needs to be equipped.

SYS4594

BRIL application will not be configured on any MISP because the BRIL package is not equipped.

SYS4595

BRIT application will not be configured on any MISP because the BRIT package is not equipped.

SYS4600

The DTI package is restricted and either the BRIT package is restricted or the DTI2 package is equipped or the PRI2 package is equipped.